

Illinois Department of Transportation  
Structures Information Management System  
Structure Summary Report

Date: 12/11/2020

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Structure Number: 050-0096

District: 3

Inventory Data

Facility Carried:	ILL 178	Bridge Name:		Sufficiency Rating:	83.8	Structure Length:	392.0
Feature Crossed:	VERMILION RIVER	Location:	3.7 MI S OF ILL 71	HBP Eligible:	No	AASHTO Bridge Length:	99.9
Bridge Remarks:				Replaced By:	-	Length of Long Span:	86.0
Bridge Status:	1 OPEN - NO RESTRICT	Status Date:	3/1/1990 12:00:00 AM	Replaces:	-	Bridge Roadway Width:	32.0
Status Remarks:				Last Update Date:	12/12/2012	Appr Roadway Width:	34.0
Maint County:	050 LASALLE	Maint Township:	06 DEER PARK	Parallel Structure:	None	Deck Width:	34.9
Maint Responsibility:	01 I.D.O.T.			Multi-Level Structure Nbr:		Sidewalk Width Right:	0.0
Service On/Under:	1 HIGHWAY	5 / WATERWAY		Skew Direction:	N None	Sidewalk Width Left:	0.0
Reporting Agency:	1 I.D.O.T. - BUREAU OF MAINTENANCE			Skew Angle:	0 D	Navigation Control:	0 No
Main Span Matl/Type:	1 CONCRETE	/ 25 ARCH-DECK, OPEN SPANDREL		Structure Flared:	No	Navigation Horiz Clear:	0
Nbr Of Main Spans:	3	Nbr Of Approach Spans:	5	Historical Significance:	Yes	Navigation Vert Clear:	0
***Approaches***				Border Bridge State:		Culvert Fill Depth:	0.0
Near #1 Matl/Type:	5 PRESTRESS CONCRETE	/ 02 STRINGER/MULTI-BEAM/GIRDER		Bdr State SN:		Number Culvert Cells:	0
Near #2 Matl/Type:		/		Bdr State % Responsibility:	0	Culvert Opening Area:	0.0
Far #1 Matl/Type:	5 PRESTRESS CONCRETE	/ 02 STRINGER/MULTI-BEAM/GIRDER		Structural Steel Wt	0	Culvert Cell Height:	0.00
Far #2 Matl/Type:		/		Substructure Material:		Culvert Cell Width:	0.00
Median Width/Type:	0 Ft. / 0 None			Rated By:	3 Consultant	Rate Method:	6 LOAD FACTOR (LF) REPORTED BY RATING FACTOR (RF)
Guardrail Type L/R:	0None / 0 None			Inventory Rating:	0.970(34)	Load Rating Date:	07/23/2019
Toll Facility Indicator:	0 No Toll			Operating Rating:	1.620(58)		Railroad Crossing Info
Latitude:	41.25607298	S Longitude:	89.01210984	S	Design Load:	02 HS20	Crossing 1 Nbr:
Deck Structure Type:	A CIP CON NRMLLY FORM			Deck Structure Thickness:	8 SD: N	FO: N	Crossing 1 Nbr:
Sidewalks Under Structure:	0 None						RR Lateral Underclear:
							RR Vertical Underclear:
							0 Ft 0 In

Key Route On Data

Key Route Nbr:	FEDERAL-AID SECONDARY	1279	Station:	7.3200
Appurtenances	Main Route	00000	Segment:	
Inventory County:	050 LASALLE		Linked:	Y
Township/Road Dist	06 DEER PARK		Natl. Hwy System:	Not on NHS
Municipality	0000		Inventory Direction:	
Urban Area:	None 0000		Curr AADT Yr/Count:	2019 / 1750
Functional Class:	5 MAJOR COLLECTOR		Est Truck Percentage:	18
** CLEARANCES **	South/East North/West		Number Of Lanes:	2
Max Rdwy Width:	32.0		One Or Two Way:	2 Two-Way
Horizontal:	26.0 0.0		Bypass Length:	6
			Future AADT Yr/Cnt:	2032 / 1899
			Designated Truck Rte:	NONE
Lateral:			Special Systems:	No

Key Route Under Data

Station:	
Segment:	
Linked:	
Natl. Hwy System:	
Inventory Direction:	
Curr AADT Yr/Count:	/
Est Truck Percentage:	
Number Of Lanes:	
One Or Two Way:	
Bypass Length:	
Future AADT Yr/Cnt:	/
Designated Truck Rte:	
Special Systems:	

\*\*\* Marked Route On Data \*\*\*

Designation	Kind	Number
Route #1: 1 Mainline	3 State Highway	178
Route #2: 1 Mainline		
Route #3: 1 Mainline		

\*\*\* Marked Route Under Data \*\*\*

Designation	Kind	Number
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**Data Related to Inspection Information**

*** Inspection Intervals ***			*** Maximum Allowable Posting Limits ***			Bridge Posting Level:		
Routine NBIS:	24 MOS	Underwater:	0 MOS	One Truck At A Time:	0	Combination Type 3S-1:	Tons	5 No Posting Required
		Special:	N	Single Unit Vehicles:	Tons	Combination Type 3S-2:	Tons	

**Inspection/Appraisal Information**

Inspection Date:	03/04/2020	Inspection Temperature:	47Deg. F				** Actual Posted Limits **	
Deck:	6	SATISFACTORY CONDITION - MINOR DETERIORATION					Single Unit Vehicles:	Tons
Superstructure:	6	SATISFACTORY CONDITION - MINOR DETERIORATION					Combination Type 3S-1:	Tons
Substructure:	5	FAIR CONDITION - MINOR SECTION LOSS, CRACKS					Combination Type 3S-2:	Tons
Culvert:	N	NOT APPLICABLE					One Truck At A Time:	0
Channel and Protection:	7	GOOD CONDITION - SOME MINOR PROBLEMS			Deck Wearing Surf:	A	BARE DECK NO OVRLAY	Last Paint Type:
Structural Evaluation:	5	BETTER THAN ADEQUATE TO BE LEFT IN PLACE			Deck Membrane:	F	NONE	
Deck Geometry:	5	BETTER THAN ADEQUATE TO BE LEFT IN PLACE			Deck Protection:	A	EPOXY COATED REINF	
Underclearance-Vert/Lat.:	N	NOT APPLICABLE			Total Deck Thick:	8.0		
Waterway Adequacy:	8	EQUAL TO PRESENT DESIRABLE CRITERIA			Last Paint Date:			
Approach Roadway Align:	7	BETTER THAN PRESENT MINIMUM CRITERIA						
Bridge Railing Appraisal:	2	Doesn't Meet Standards						
Approach Guardrail:	222	Not Acceptable	Not Acceptable	Not Acceptable				
Pier Navig Protection:	N	N/A						

**Underwater Inspection/Appraisal Information**

Inspection Date:		Inspection Method:		Appraisal Rating:	
Temperature:					

**Scour Critical Information**

**Miscellaneous**

Rating:	8	CALCULATED SCOUR ABOVE FOOTING	Evaluation Method:	B Rational Analysis	
Analysis Date:	11/18/1992			Microfilm Data Recorded:	Yes

**Construction Information**

Year:	1934	Original	1989	Reconstructed
Route:	SBI-178	Sta: 197+40	FAS 256	Sta: 196+85.48
Section Nbr:	108-B		108-BR	
Contract Nbr:			86038	
Fed Aid Pr#:	000000000000000		BHS-256(116)	
Built By:	1	I.D.O.T.	0	UNKNOWN